



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building/

Sunshine Windows Manufacturing, Inc.
1745 W 33rd Place
Hialeah, FL 33012

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "4250 Circle Top" Aluminum Fixed Window – N.I.

APPROVAL DOCUMENT: Drawing No. PW-00-02, titled "Series 4250 Aluminum Circle Top Fixed Window – Non Impact Resistant", sheets 1 through 6 of 6, dated 03/22/11, prepared by manufacturer, signed and sealed by Francisco Hernandez, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises and renews NOA # 06-0328.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 11-0408.03
Expiration Date: October 15, 2016
Approval Date: September 15, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **PW-00-02**, Sheets 1 through 6 of 6, titled "Series 4250 Aluminum Circle Top Fixed Window – Non Impact Resistant", dated 03/22/11, prepared by manufacturer, signed and sealed by Francisco Hernandez, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of a rectangular and arch top aluminum fixed window, glazed with 1/8" ann. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4660**, dated 07/15/05, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under previous NOA #06-0328.02)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of a rectangular and arch top aluminum fixed window, glazed with 3/16" ann. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4659**, dated 07/27/05, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under previous NOA #06-0328.02)
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of a rectangular, arch top and eyebrow aluminum fixed window, glazed with 3/16" temp. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4661**, dated 07/28/05, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under previous NOA #06-0328.02)
4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of an arch aluminum fixed window, glazed with 3/16" temp. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4851**, dated 02/09/06, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under previous NOA #06-0328.02)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-0408.03
Expiration Date: October 15, 2016
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Sunshine Windows Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor calculations and structural analysis, complying with FBC-2007, dated 03/15/11, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Glazing complies with ASTM E1300-04.

D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance, dated March 21, 2011, signed and sealed by Francisco Hernandez, P.E.
2. Statement letter of no financial interest, dated March 21, 2011, signed and sealed by Francisco Hernandez, P.E.

G. OTHER

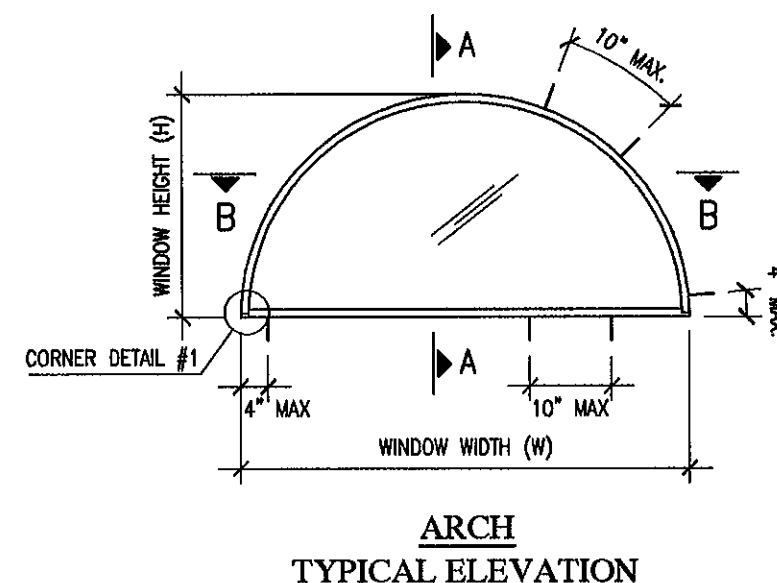
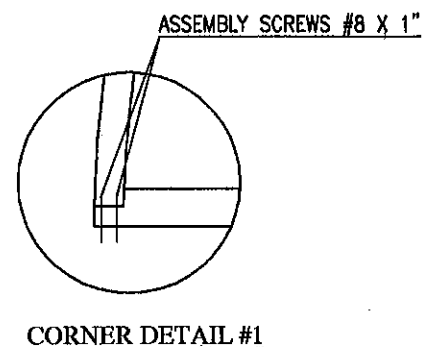
1. Notice of Acceptance No. **06-0328.02**, issued to Sunshine Windows Manufacturing, Inc. for their Series 4250 Circle Top Aluminum Fixed Window, approved on 12/14/06 and expiring on 10/15/11.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-0408.03

Expiration Date: October 15, 2016
Approval Date: September 15, 2011

DESIGN PRESSURE CHART - PSF		
WINDOW SIZE W X H INCHES	3/16" TEMPERED GLASS	
	POS.	NEG.
120 X 40	62.67	70.04
120 X 37	62.67	74.60
120 X 26	62.67	100.70
120 X 19	62.67	133.44
108 X 46	62.67	64.48
108 X 40	62.67	71.63
108 X 37	62.67	76.14
108 X 26	62.67	102.08
108 X 19	62.67	134.72
96 X 48	62.67	64.85
96 X 46	62.67	66.74
96 X 40	62.67	73.72
96 X 37	62.67	78.16
96 X 26	62.67	103.86
96 X 19	62.67	136.37
91 X 40	62.67	74.81
91 X 37	62.67	79.20
91 X 26	62.67	104.76
91 X 19	62.67	137.20
84 X 42	62.67	74.11
84 X 40	62.67	76.60
84 X 37	62.67	80.92
84 X 26	62.67	106.23
84 X 19	62.67	138.54
78 X 37	84.25	84.25
78 X 26	94.67	109.75
78 X 19	94.67	142.51
74 X 37	90.32	90.32
74 X 26	94.67	116.94
74 X 19	94.67	151.34
63 X 31.50	94.67	109.04
63 X 26	94.67	124.84
63 X 19	94.67	159.65
53 X 26.50	94.67	132.06
53 X 19	94.67	168.30
46 X 19	94.67	167.15
38 X 19	94.67	171.26
26.50 X 13.25	94.67	209.00

DESIGN PRESSURE CHART - PSF					
WINDOW SIZE W X H INCHES	3/16" ANNEALED GLASS		DSB ANNEALED GLASS		
	POS.	NEG.	POS.	NEG.	
74 X 26	38.00	49.20	--	--	
74 X 19	38.00	63.67	--	--	
63 X 31.50	38.00	44.63	--	--	
63 X 26	38.00	51.10	--	--	
63 X 19	38.00	65.36	--	--	
53 X 26.50	38.00	53.06	--	--	
53 X 19	38.00	67.62	40.50	40.50	
46 X 19	38.00	69.95	41.33	46.80	
38 X 19	38.00	74.00	41.33	57.46	
26.50 X 13.25	38.00	106.11	41.33	82.40	



GENERAL NOTES:

1. MIAMIDADE COUNTY PRODUCT CONTROL APPROVED SHUTTERS ARE REQUIRED.
2. THIS PRODUCT MEETS THE REQUIREMENTS OF THE 2007 FLORIDA BUILDING CODE.
3. METAL PROTECTION AS SPECIFIED IN THE 2007 FBC.

ANCHORS:

1. FOR CONNECTION TO CONCRETE BLOCK USE 1/4" ELCO ULTRACON WITH 1 1/2" MINIMUM EMBEDMENT INTO WALL.
2. FOR CONNECTION TO METAL STRUCTURE USE 1/4" SMS GRADE 5. STEEL MATERIAL SHALL CONFORM TO ASTM A500, A653 OR A36 WITH 1/8" MINIMUM WALL THICKNESS. ALUMINUM ALLOY 6063-T5 WITH 1/8" MINIMUM WALL THICKNESS.
3. FOR CONNECTION TO 2BY WOOD BUCK OR WOOD STRUCTURE USE 1/4" ELCO ULTRACON WITH 1 1/2" MINIMUM EMBEDMENT INTO WOOD.

GLASS:

3/16" TEMPERED, 3/16" ANNEALED OR 1/8" ANNEALED GLASS.

**Sunshine Windows
Manufacturing, Inc.**
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)384-9852
Fax: (305)828-5118

**SERIES 4250 ALUMINUM
CIRCLE TOP FIXED WINDOW
NON IMPACT RESISTANT**

Drawn By: **NM**
 Date: **03-22-11**
 Scale: **1/2"=1'**
 Revision: _____
 Revision: _____
 DRAWING NO.
PW-00-02
 SHEET
1 OF 6

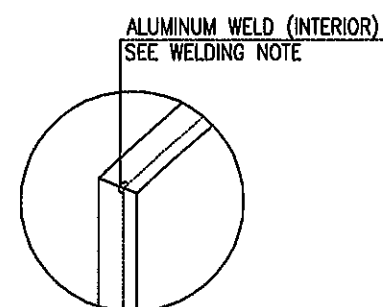
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **11-0408.03**
Expiration Date **OCT. 15, 2016**

By *Manuel Perez*
Miami Dade Product Control

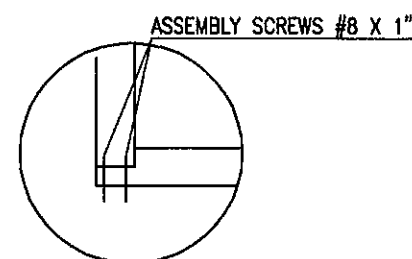
3-25-11
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

DESIGN PRESSURE CHART - PSF				
WINDOW SIZE W X H INCHES	3/16" TEMPERED GLASS		3/16" ANNEALED GLASS	
	POS.	NEG.	POS.	NEG.
120 X 40	62.67	70.04	-	-
120 X 37	62.67	74.60	-	-
120 X 26	62.67	100.70	47.50	47.50
120 X 19	62.67	133.44	62.67	99.50
108 X 46	62.67	64.48	-	-
108 X 40	62.67	71.63	-	-
108 X 37	62.67	76.14	-	-
108 X 26	62.67	102.08	48.80	48.80
108 X 19	62.67	134.72	62.67	101.00
96 X 50	60.03	60.03	-	-
96 X 46	62.67	65.25	-	-
96 X 40	62.67	73.72	-	-
96 X 37	62.67	78.16	-	-
96 X 26	62.67	103.86	50.40	50.40
96 X 19	62.67	136.37	62.67	104.00
91 X 54	55.59	55.59	-	-
91 X 50	60.03	60.03	-	-
91 X 46	62.67	65.25	-	-
91 X 40	62.67	74.81	-	-
91 X 37	62.67	79.20	-	-
91 X 26	62.67	104.76	51.20	51.20
91 X 19	62.67	137.20	62.67	105.00
84 X 58	51.75	51.75	-	-
84 X 54	55.59	55.59	-	-
84 X 50	60.03	60.03	-	-
84 X 46	62.67	65.25	-	-
84 X 40	62.67	75.04	-	-
84 X 37	62.67	80.92	-	-
84 X 26	62.67	106.23	52.70	52.70
84 X 19	62.67	138.54	62.67	108.00
78 X 46	73.31	73.31	34.70	34.70
78 X 40	79.94	79.94	34.90	34.90
78 X 37	84.25	84.25	35.30	35.30
78 X 26	94.67	109.75	54.50	54.50

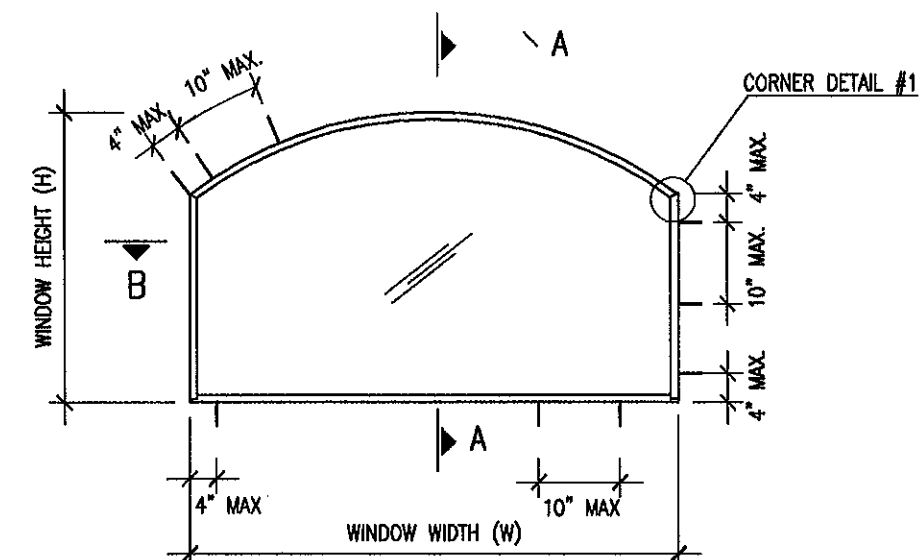
DESIGN PRESSURE CHART - PSF					
WINDOW SIZE W X H INCHES	3/16" TEMPERED GLASS		3/16" ANNEALED GLASS		DSB ANNEALED GLASS
	POS.	NEG.	POS.	NEG.	POS. NEG.
78 X 19	94.67	142.51	94.67	110.00	45.00 45.00
74 X 50	75.70	75.70	36.10	36.10	- -
74 X 46	79.06	79.06	36.90	36.90	- -
74 X 40	85.87	85.87	37.60	37.60	- -
74 X 37	90.32	90.32	37.90	37.90	- -
74 X 26	94.67	116.94	56.00	56.00	- -
74 X 19	94.67	151.34	94.67	112.00	33.50 33.50
63 X 58	78.23	78.23	37.80	37.80	- -
63 X 54	83.48	83.48	38.90	38.90	- -
63 X 50	85.41	85.41	41.90	41.90	- -
63 X 46	88.20	88.20	43.90	43.90	- -
63 X 40	94.35	94.35	46.10	46.10	- -
63 X 37	94.67	98.57	46.80	46.80	- -
63 X 26	94.67	124.84	61.50	61.50	- -
63 X 19	94.67	159.65	94.67	119.00	48.40 48.40
53 X 50	90.75	90.75	49.10	49.10	- -
53 X 46	94.67	98.64	51.90	51.90	- -
53 X 40	94.67	105.38	56.10	56.10	34.00 34.00
53 X 37	94.67	108.97	57.80	57.80	36.50 36.50
53 X 26	94.67	133.75	71.00	71.00	39.80 39.80
53 X 19	94.67	168.30	94.67	127.00	52.20 52.20
46 X 40	94.67	111.46	64.60	64.60	38.80 38.80
46 X 37	94.67	113.93	68.10	68.10	41.30 41.30
46 X 26	94.67	135.10	81.50	81.50	48.60 48.60
46 X 19	94.67	167.15	94.67	136.00	57.80 57.80
38 X 37	94.67	122.64	80.80	80.80	49.50 49.50
38 X 26	94.67	142.67	94.67	102.00	62.20 62.20
38 X 19	94.67	171.26	94.67	153.00	69.90 69.90
26 X 26	94.67	174.52	94.67	157.00	92.50 92.50
26 X 19	94.67	209.00	94.67	209.00	94.67 112.00



CORNER DETAIL #1



TYP 90° CORNER DETAIL



SIDEWAYS RECTANGLE WITH CIRCLE TOP
TYPICAL ELEVATION

GENERAL NOTES:

1. MIAMIDADE COUNTY PRODUCT CONTROL APPROVED SHUTTERS ARE REQUIRED.
2. THIS PRODUCT MEETS THE REQUIREMENTS OF THE 2007 FLORIDA BUILDING CODE.
3. METAL PROTECTION AS SPECIFIED IN THE 2007 FBC.

ANCHORS:

1. FOR CONNECTION TO CONCRETE BLOCK USE 1/4" ELCO ULTRACON WITH 1 1/2" MINIMUM EMBEDMENT INTO WALL.
2. FOR CONNECTION TO METAL STRUCTURE USE 1/4" SMS GRADE 5. STEEL MATERIAL SHALL CONFORM TO ASTM A500, A653 OR A36 WITH 1/8" MINIMUM WALL THICKNESS. ALUMINUM ALLOY 6063-T5 WITH 1/8" MINIMUM WALL THICKNESS.
3. FOR CONNECTION TO 2BY WOOD BUCK OR WOOD STRUCTURE USE 1/4" ELCO ULTRACON WITH 1 1/2" MINIMUM EMBEDMENT INTO WOOD.

GLASS:

3/16" TEMPERED, 3/16" ANNEALED OR 1/8" ANNEALED GLASS.

WELDING:

FOR CORNER WELDED CONNECTIONS USE 1/8" FILLET WELD WITH 1 1/4" MINIMUM LENGTH MADE WITH ER4043 FILLER ALLOY.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-0408.03
Expiration Date OCT 15, 2016
By *Manuel*
Miami Dade Product Control

Francisco Hernandez
3-25-11
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

Drawn By: NM
Date: 03-22-11
Scale: 1/2"=1'
Revision:
Revision:

DRAWING NO.
PW-00-02

SHEET
2 OF 6

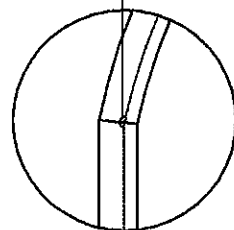
Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)384-9952
Fax: (305)828-5118

SERIES 4250 ALUMINUM
CIRCLE TOP FIXED WINDOW
NON IMPACT RESISTANT

DESIGN PRESSURE CHART - PSF

WINDOW SIZE W X H INCHES	3/16" TEMPERED GLASS		3/16" ANNEALED GLASS	
	POS.	NEG.	POS.	NEG.
40 X 120	62.67	70.04	-	-
37 X 120	62.67	74.60	-	-
26 X 120	62.67	100.70	47.50	47.50
19 X 120	62.67	133.44	62.67	99.50
46 X 108	62.67	64.48	-	-
40 X 108	62.67	71.63	-	-
37 X 108	62.67	76.14	-	-
26 X 108	62.67	102.08	48.80	48.80
19 X 108	62.67	134.72	62.67	101.00
50 X 96	60.03	60.03	-	-
46 X 96	62.67	65.25	-	-
40 X 96	62.67	73.72	-	-
37 X 96	62.67	78.16	-	-
26 X 96	62.67	103.86	50.40	50.40
19 X 96	62.67	136.37	62.67	104.00
54 X 91	55.59	55.59	-	-
50 X 91	60.03	60.03	-	-
46 X 91	62.67	65.25	-	-
40 X 91	62.67	74.81	-	-
37 X 91	62.67	79.20	-	-
26 X 91	62.67	104.76	51.20	51.20
19 X 91	62.67	137.20	62.67	105.00
58 X 84	51.75	51.75	-	-
54 X 84	55.59	55.59	-	-
50 X 84	60.03	60.03	-	-
46 X 84	62.67	65.25	-	-
40 X 84	62.67	75.04	-	-
37 X 84	62.67	80.92	-	-
26 X 84	62.67	106.23	52.70	52.70
19 X 84	62.67	138.54	62.67	108.00

ALUMINUM WELD (INTERIOR)
SEE WELDING NOTE



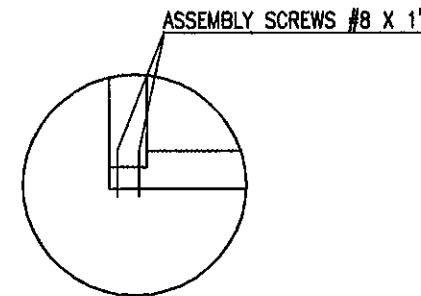
CORNER DETAIL #1

DESIGN PRESSURE CHART - PSF

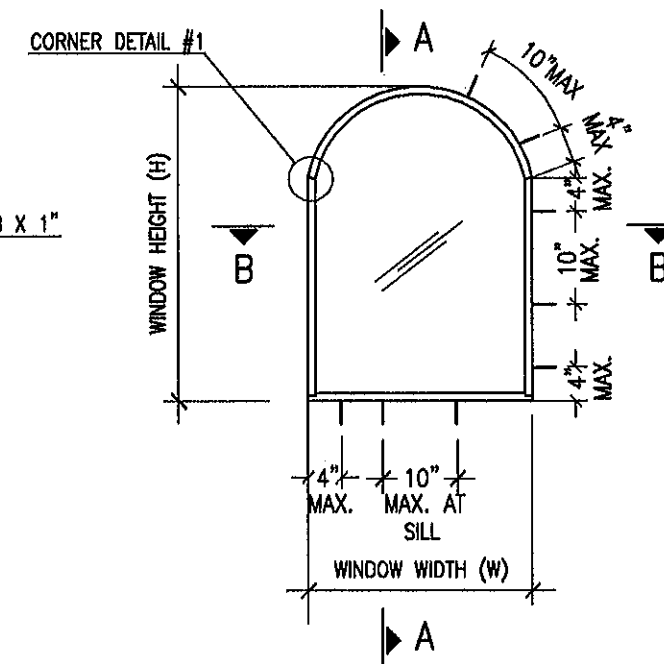
WINDOW SIZE W X H INCHES	3/16" TEMPERED GLASS		3/16" ANNEALED GLASS		DSB ANNEALED GLASS	
	POS.	NEG.	POS.	NEG.	POS.	NEG.
46 X 78	73.31	73.31	34.70	34.70	20.80	20.80
40 X 78	79.94	79.94	34.90	34.90	23.10	23.10
37 X 78	84.25	84.25	35.30	35.30	23.30	23.30
26 X 78	94.67	109.75	54.50	54.50	24.50	24.50
19 X 78	94.67	142.51	62.67	110.00	45.00	45.00
50 X 74	75.70	75.70	36.10	36.10	20.20	20.20
46 X 74	79.06	79.06	36.90	36.90	21.80	21.80
40 X 74	85.87	85.87	37.60	37.60	24.40	24.40
37 X 74	90.32	90.32	37.90	37.90	24.90	24.90
26 X 74	94.67	116.94	56.00	56.00	25.60	25.60
19 X 74	94.67	151.34	62.67	112.00	45.80	45.80
58 X 63	78.23	78.23	37.80	37.80	20.10	20.10
54 X 63	83.48	83.48	38.90	38.90	21.50	21.50
50 X 63	85.41	85.41	41.90	41.90	23.40	23.40
46 X 63	88.20	88.20	43.90	43.90	25.30	25.30
40 X 63	94.35	94.35	46.10	46.10	28.70	28.70
37 X 63	94.67	98.57	46.80	46.80	30.30	30.30
26 X 63	94.67	124.84	61.50	61.50	30.70	30.70
19 X 63	94.67	159.65	62.67	119.00	48.40	48.40
50 X 53	90.75	90.75	49.10	49.10	27.30	27.30
46 X 53	94.67	98.64	51.90	51.90	29.60	29.60
40 X 53	94.67	105.38	56.10	56.10	34.00	34.00
37 X 53	94.67	108.97	57.80	57.80	36.50	36.50
26 X 53	94.67	133.75	62.67	71.00	39.80	39.80
19 X 53	94.67	168.30	62.67	127.00	52.20	52.20
40 X 46	94.67	111.46	62.67	64.60	38.80	38.80
37 X 46	94.67	113.93	62.67	68.10	41.30	41.30
26 X 46	94.67	135.10	62.67	81.50	48.60	48.60
19 X 46	94.67	167.15	62.67	136.00	57.80	57.80
37 X 38	94.67	122.64	62.67	80.80	49.50	49.50
26 X 38	94.67	142.67	62.67	102.00	62.20	62.20
19 X 38	94.67	171.26	62.67	153.00	62.67	69.90
26 X 26	94.67	174.52	62.67	157.00	62.67	92.50
19 X 26	94.67	209.00	62.67	209.00	62.67	112.00

WELDING:

FOR CORNER WELDED CONNECTIONS USE 1/8" FILLET WELD
WITH 1 1/4" MINIMUM LENGTH MADE WITH ER4043 FILLER ALLOY.



TYP 90° CORNER DETAIL



UPRIGHT RECTANGLE WITH CIRCLE TOP
TYPICAL ELEVATION

GENERAL NOTES:

1. MIAMIDADE COUNTY PRODUCT CONTROL APPROVED SHUTTERS ARE REQUIRED.
2. THIS PRODUCT MEETS THE REQUIREMENTS OF THE 2007 FLORIDA BUILDING CODE.
3. METAL PROTECTION AS SPECIFIED IN THE 2007 FBC.

ANCHORS:

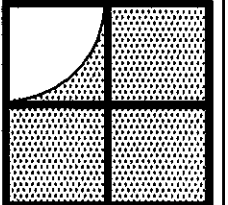
1. FOR CONNECTION TO CONCRETE BLOCK USE 1/4" ELCO ULTRACON WITH 1 1/2" MINIMUM EMBEDMENT INTO WALL.
2. FOR CONNECTION TO METAL STRUCTURE USE 1/4" SMS GRADE 5. STEEL MATERIAL SHALL CONFORM TO ASTM A500, A653 OR A36 WITH 1/8" MINIMUM WALL THICKNESS. ALUMINUM ALLOY 6063-T5 WITH 1/8" MINIMUM WALL THICKNESS.
3. FOR CONNECTION TO 2BY WOOD BUCK OR WOOD STRUCTURE USE 1/4" ELCO ULTRACON WITH 1 1/2" MINIMUM EMBEDMENT INTO WOOD.

GLASS:

3/16" TEMPERED, 3/16" ANNEALED OR 1/8" ANNEALED GLASS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-0408.03
Expiration Date OCT. 15, 2016
By *Manuel Perez*
Miami Product Control

Francisco Hernandez
3-25-11
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



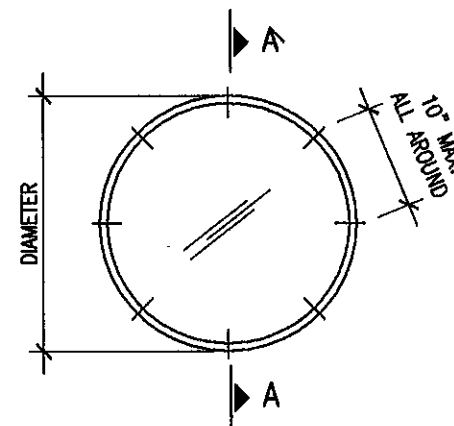
Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, Florida 33012
Ph: (305)364-9952
Fax: (305)828-5118

SERIES 4250 ALUMINUM
CIRCLE TOP FIXED WINDOW
NON IMPACT RESISTANT

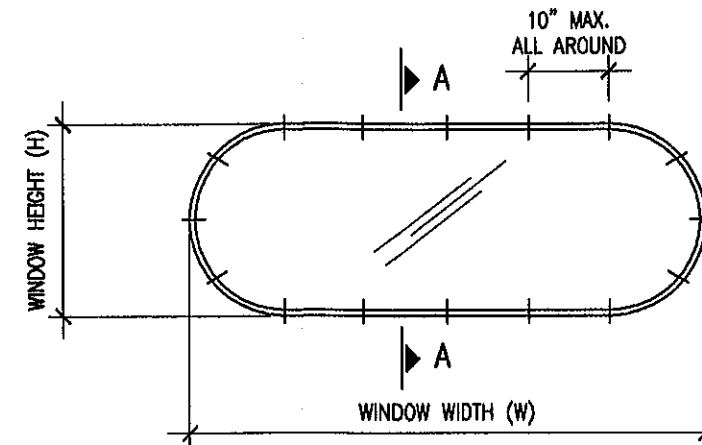
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Scale: 1/2"=1'
Revision:
Revision:

DRAWING NO.
PW-00-02

SHEET
3 OF 6



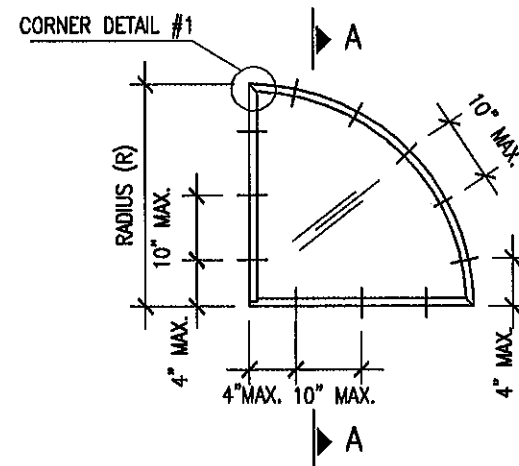
FULL ROUND
TYPICAL ELEVATION



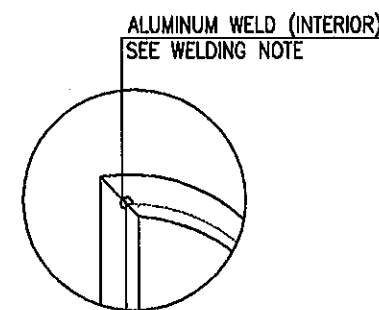
OVAL
TYPICAL ELEVATION

OVAL / DESIGN PRESSURE CHART - PSF						
WINDOW SIZE W X H INCHES	3/16" TEMPERED GLASS		3/16" ANNEALED GLASS		DSB ANNEALED GLASS	
	POS.	NEG.	POS.	NEG.	POS.	NEG.
108 X 46	62.67	64.48	—	—	—	—
108 X 37	62.67	76.14	—	—	—	—
108 X 26	62.67	102.08	—	—	—	—
91 X 46	62.67	65.25	—	—	—	—
91 X 37	62.67	79.20	—	—	—	—
91 X 26	62.67	104.76	—	—	—	—
74 X 46	79.06	79.06	36.90	36.90	—	—
74 X 37	90.32	90.32	37.90	37.90	—	—
74 X 26	94.67	116.94	56.00	56.00	—	—
53 X 46	94.67	98.64	51.90	51.90	—	—
53 X 37	94.67	108.97	57.80	57.80	36.50	36.50
53 X 26	94.67	133.75	71.00	71.00	39.80	39.80
38 X 24	94.67	142.67	94.67	102.00	62.20	62.20

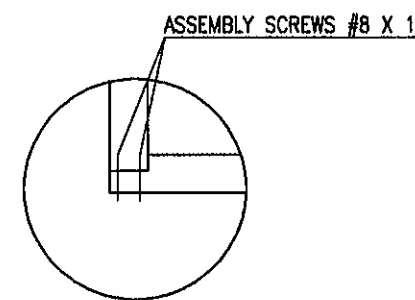
WINDOW DIAMETER INCHES	FULL ROUND / DESIGN PRESSURE CHART - PSF						NUMBER OF ANCHORS
	3/16" TEMPERED GLASS		3/16" ANNEALED GLASS		DSB ANNEALED GLASS		
	POS.	NEG.	POS.	NEG.	POS.	NEG.	
46	94.67	98.64	51.90	51.90	—	—	14
36	94.67	122.64	80.80	80.80	49.50	49.50	11
24	94.67	174.52	94.67	157.00	92.50	92.50	7



QUARTER ROUND
TYPICAL ELEVATION



CORNER DETAIL #1



TYP 90° CORNER DETAIL

WELDING:

FOR CORNER WELDED CONNECTIONS USE 1/8" FILLET WELD WITH 1 1/4" MINIMUM LENGTH MADE WITH ER4043 FILLER ALLOY.

GENERAL NOTES:

1. MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED SHUTTERS ARE REQUIRED.
2. THIS PRODUCT MEETS THE REQUIREMENTS OF THE 2007 FLORIDA BUILDING CODE.
3. METAL PROTECTION AS SPECIFIED IN THE 2007 FBC.

ANCHORS:

1. FOR CONNECTION TO CONCRETE BLOCK USE 1/4" ELCO ULTRACON WITH 1 1/2" MINIMUM EMBEDMENT INTO WALL.
2. FOR CONNECTION TO METAL STRUCTURE USE 1/4" SMS GRADE 5. STEEL MATERIAL SHALL CONFORM TO ASTM A500, A653 OR A36 WITH 1/8" MINIMUM WALL THICKNESS. ALUMINUM ALLOY 6063-T5 WITH 1/8" MINIMUM WALL THICKNESS.
3. FOR CONNECTION TO 2BY WOOD BUCK OR WOOD STRUCTURE USE 1/4" ELCO ULTRACON WITH 1 1/2" MINIMUM EMBEDMENT INTO WOOD.

GLASS:

3/16" TEMPERED, 3/16" ANNEALED OR 1/8" ANNEALED GLASS.

WINDOW RADIUS INCHES	QUARTER ROUND / DESIGN PRESSURE CHART - PSF						NUMBER OF ANCHORS	
	3/16" TEMPERED GLASS		3/16" ANNEALED GLASS		DSB ANNEALED GLASS			
	POS.	NEG.	POS.	NEG.	POS.	NEG.	STRAIGHT SIDE	ARCH
46	94.67	98.64	51.90	51.90	--	—	5	8
36	94.67	122.64	80.80	80.80	49.50	49.50	4	7
24	94.67	174.52	94.67	157.00	92.50	92.50	3	5

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Miami Dade Product Control

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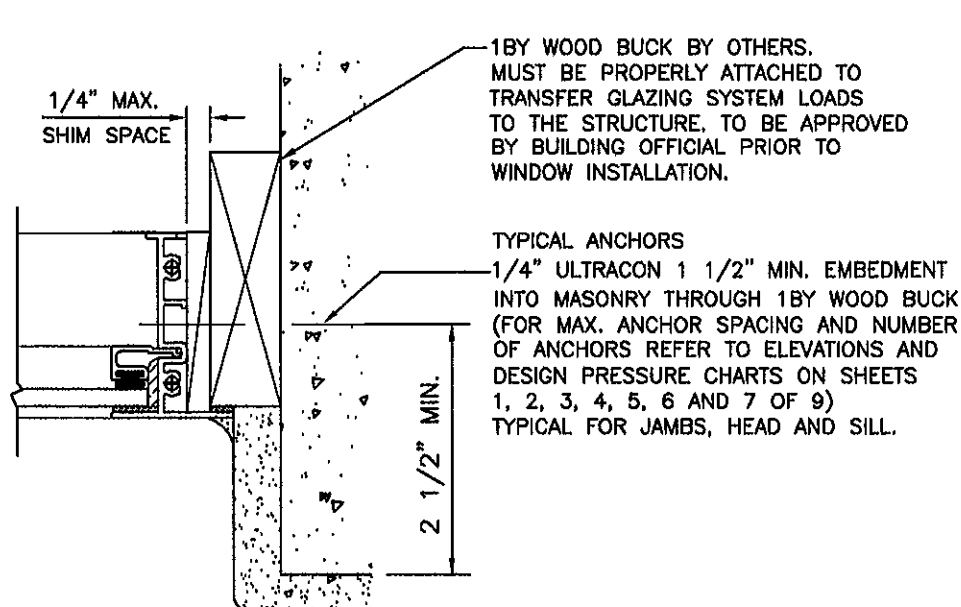
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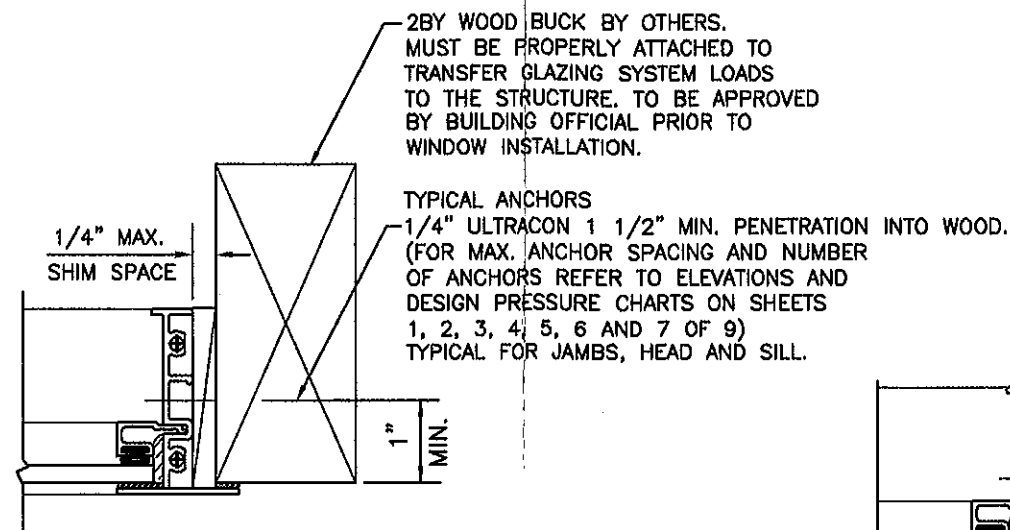
SHEET
4 OF 6

SERIES 4250 ALUMINUM
CIRCLE TOP FIXED WINDOW
NON IMPACT RESISTANT

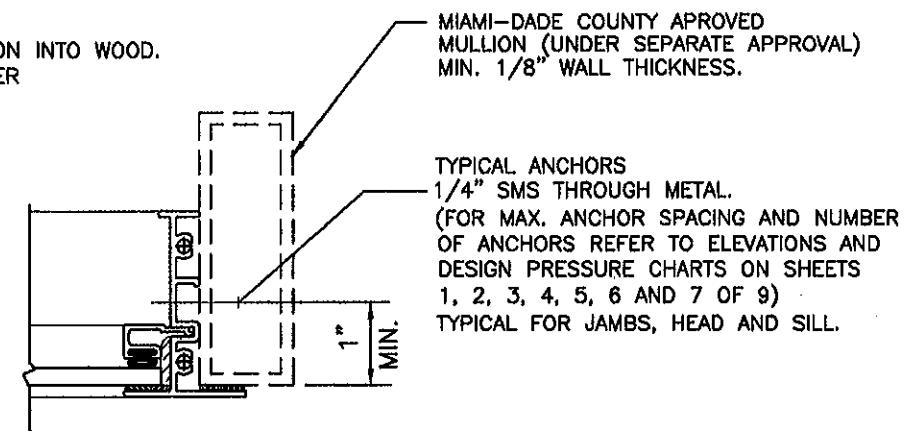
Sunshine Windows
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Ph: (305)364-9952
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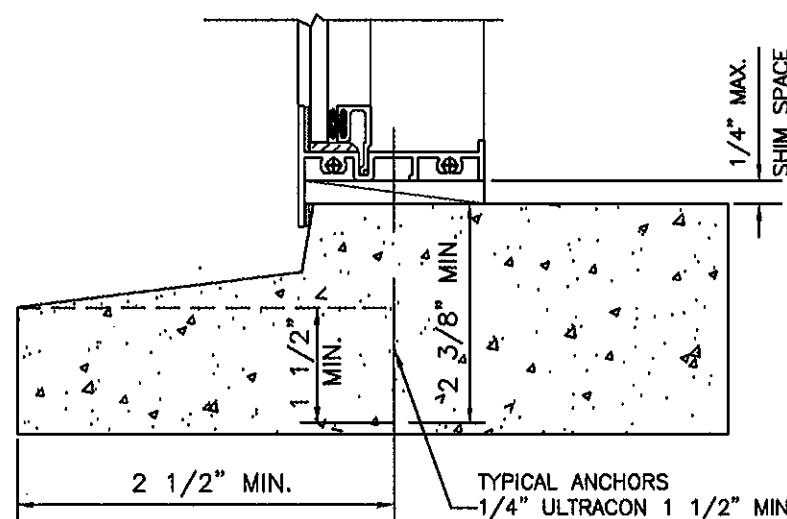
ATTACHMENT TO MASONRY



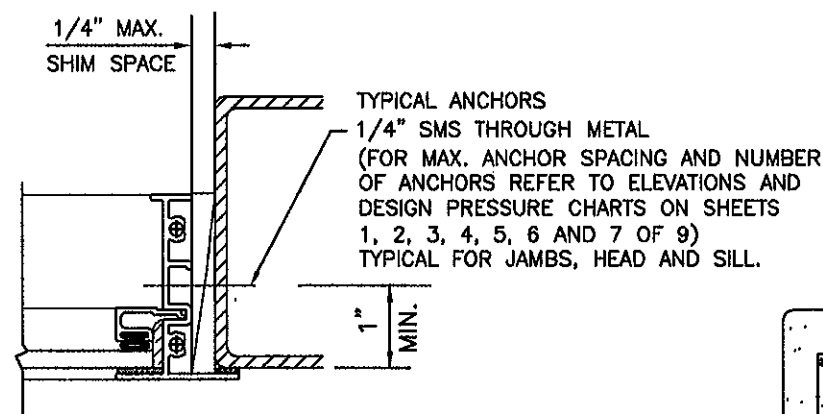
ATTACHMENT TO WOOD



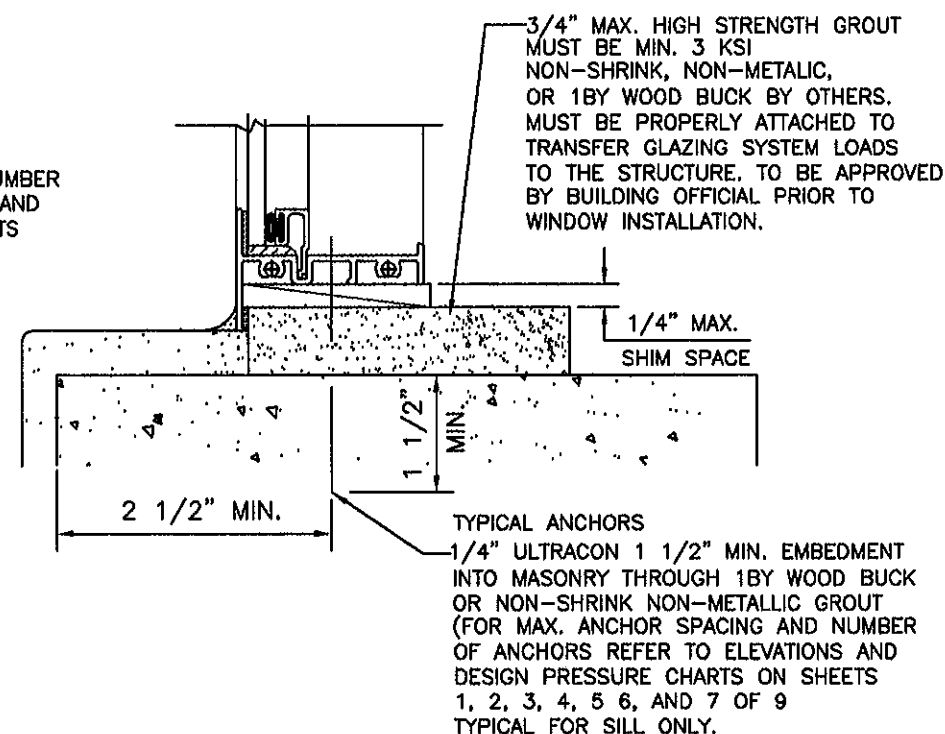
ATTACHMENT TO MULLION DETAIL



ATTACHMENT TO PRE-CAST SILL

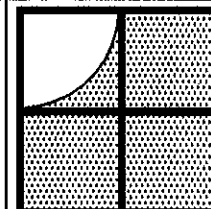


ATTACHMENT TO METAL STRUCTURE
(STEEL OR ALUMINUM 1/8" MIN. THICKNESS)



ATTACHMENT TO MASONRY

TYPICAL SECTIONS



**Sunshine Windows
Manufacturing, Inc.**

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**SERIES 4250 ALUMINUM
CIRCLE TOP FIXED WINDOW
NON IMPACT RESISTANT**

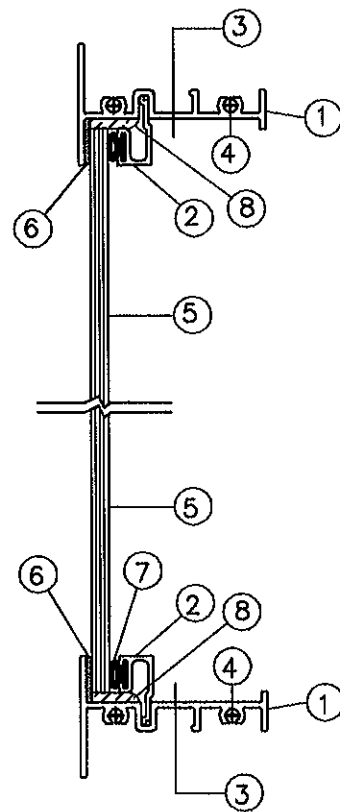
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Date: **3-22-11**
Scale: **1/2"=1'**
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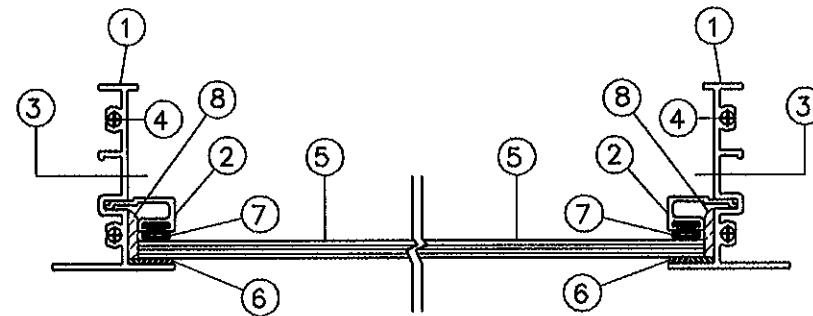
SHEET
5 OF 6

PRODUCT REVISED
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Expiration Date **06.15.2016**
By **Francisco Hernandez**
Miami Dade Product Control

Francisco Hernandez
3-25-11
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

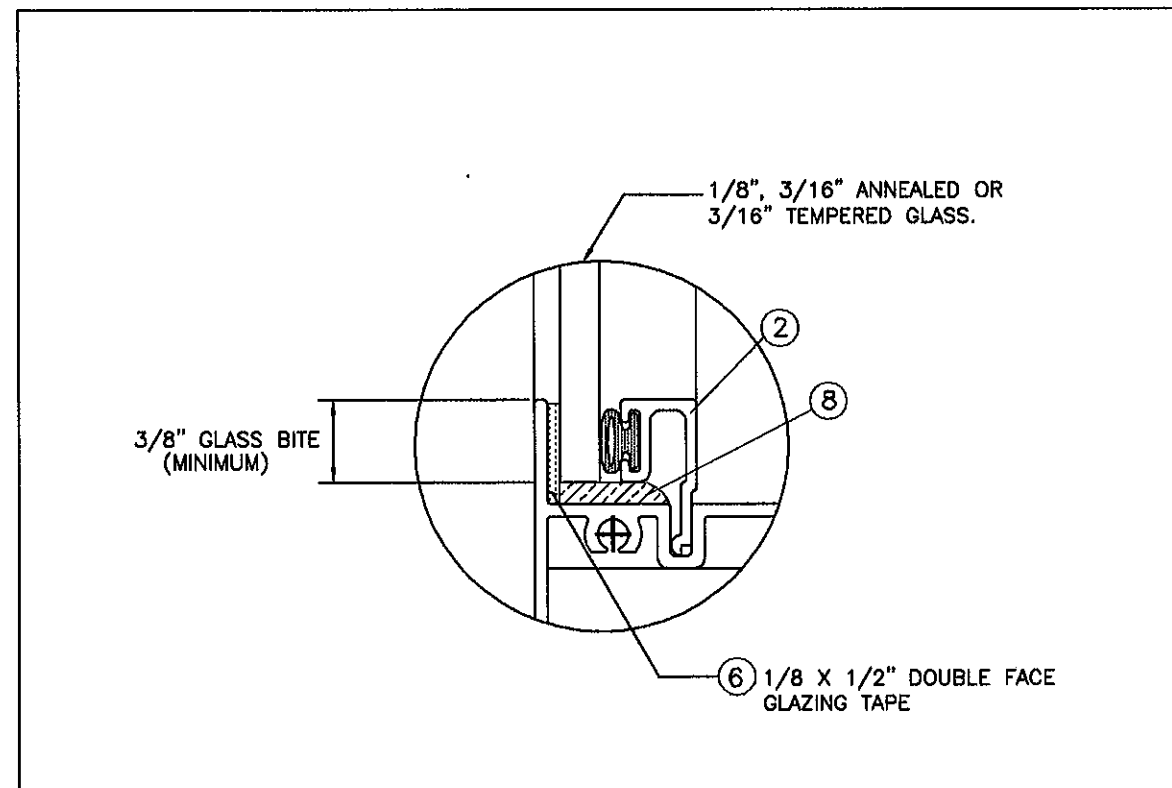


SECTION A - A



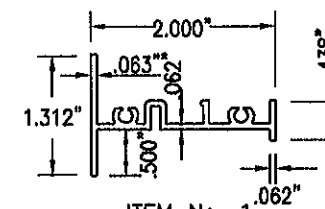
SECTION B - B

GLAZING DETAIL

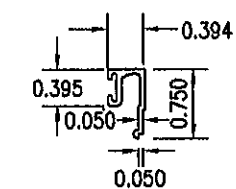


MATERIAL LIST

ITEM #	PART	DESCRIPTION	MATERIAL
1	SW-101	HEAD, SILL AND JAMBS	6063-T6
2	SSW-102	GLAZING BEAD	6063-T6
3	ANCHORS	SEE ELEVATION SHEETS	
4	# 8" X 1" PH S.M.S	ASSEMBLY SCREW	
5	1/8" ANN., 3/16" ANN. OR 3/16" TEMP. GLASS	SEE GLAZING DETAIL ON SHEET 6 OF 6	
6	-	1/8" X 1/2" DOUBLE FACE GLAZING TAPE	FOAM
7	GLAZING BULB		VINYL DUR: 75
8	SEALANT	FLEXSIL 4300	SILICONE



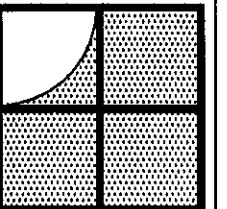
ITEM No. 1
PART SW-101
FRAME



ITEM No. 2
PART SSW-102
GLAZING BEAD

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NON IMPACT RESISTANT**

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SHEET
6 OF 6